

Plant Health Care Report

Scouting Report of The Morton Arboretum

June 5, 2020

Growing Degree Day issue

Periodical cicadas (yes, cicadas) are showing up around the Chicago region. Entomologist Dr. Fredric Miller says these are part of the brood expected to emerge in 2024. Early arrivals also happened with the 2007 brood. Females will try to slit open small branches to lay their eggs. Damage to older trees is usually fairly limited. It would be wise to protect young trees and shrubs with netting (many people used tulle during the last emergence). Insecticides are not effective, so don't try to treat them with insecticides. Adult cicadas live for about 4 to 6 weeks.



Figure 1 Black locust

What indicator plant is in bloom in Dupage County?

Black Locust (*Robinia pseudoacacia*) is in flower (fig. 1)

Accumulated Growing Degree Days (Base 50): 496 (as of June 4)

Accumulated Growing Degree Days (Base 30): 2026 (as of June 4)

Degree Days and Weather Information

As of June 4, we have 496 base-50 growing degree days (GDD) at The Morton Arboretum. The historical average (1937-2019) for this date is 438 GDD₅₀.

Location	B ₅₀ Growing Degree Days Through June 4, 2020
Carbondale, IL*	812
Champaign, IL*	586
Glencoe*	238
Chicago Botanic Garden**	432
Chicago O'Hare*	484
Kankakee, IL*	512
Lisle, IL*	504
The Morton Arboretum	496
Quincy, IL*	647
Rockford, IL*	444
Springfield, IL*	632
Waukegan, IL (60087)*	374
Waukegan, IL (60085)*	405

**Thank you to Chris Henning, Chicago Botanic Garden, for supplying us with this information.

*We obtain most of our degree day information from the GDD Tracker from Michigan State University web site. For additional locations and daily degree days, go to <http://www.gddtracker.net/>

